

TATREN® RM 85 82 CLEAR

Polypropylene Random Copolymer

Sloznaft Petrochemicals, s.r.o.

Message:

TATREN RM 85 82 CLEAR is a reactor random copolymer of excellent processing stability and very high fluidity. It contains unique and very effective clarifying agent and antistatic agent.

TATREN RM 85 82 CLEAR is characterised by excellent transparency and high gloss. Because it is a reactor grade it has excellent organoleptic properties which make it suitable for demanding food contact applications.

Applications

TATREN RM 85 82 CLEAR is intended for thin wall injection moulding of products where high clarity and low haze is required - video and DVD boxes, food packages, cups, closures, household articles etc. Thanks to used additive package it can be processed at significantly lower temperatures and gives potential for cycle time reduction.

TATREN RM 85 82 CLEAR is suitable for food contact. The product complies with Food Contact Regulations.

General Information			
Additive	Antistatic		
	Clarifier		
Features	Food Contact Acceptable		
	Good Organoleptic Properties		
	Good Processing Stability		
	High Clarity		
	High Flow		
	High Gloss		
	Random Copolymer		
Uses	Closures		
	Containers		
	Cups		
	Food Packaging		
	Household Goods		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	85	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	85		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	1200	MPa	ISO 527-2
Tensile Stress (Yield, Injection Molded)	28.0	MPa	ISO 527-2

Tensile Strain (Yield, Injection Molded)	13	%	ISO 527-2
Flexural Modulus (Injection Molded)	1150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C, Injection Molded)	4.0	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	75.0	°C	ISO 75-2/B
Optical	Nominal Value	Unit	Test Method
Haze	9.5	%	ISO 14782
Injection	Nominal Value	Unit	
Processing (Melt) Temp	190 to 230	°C	

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